Index of Claims

| Application No.       | Applicant(s)      |  |
|-----------------------|-------------------|--|
| 09/843,621            | PRISMANTAS ET AL. |  |
| Examiner              | Art Unit          |  |
| Michael J. Moore, Jr. | 2666              |  |

| <b>√</b> | Rejected |
|----------|----------|
| 1        | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |  |
|---|--------------|--|
| ı | Interference |  |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla                    | aim        | Date     |                                     |          |                |  |              | Cla                 | im       | Date     |          |                      |          |   |        | +1<br>1-46 | Cli          | aim    | Date     |                 |          |                |          |          |         |  |           |                    |  |          |          |
|------------------------|------------|----------|-------------------------------------|----------|----------------|--|--------------|---------------------|----------|----------|----------|----------------------|----------|---|--------|------------|--------------|--------|----------|-----------------|----------|----------------|----------|----------|---------|--|-----------|--------------------|--|----------|----------|
|                        |            | 1        |                                     | П        |                |  | П            |                     |          |          |          |                      | _        |   | Т      | П          | $\Box$       | T      |          |                 | ±.       |                |          | Т        |         | Т  | П         |                    | ГΤ   |          |          |
| <u>0</u>               | Original   | 10/26/04 |                                     | i        |                |  |              |                     |          | ĺ        | 1        | Final                | Original |   |        | Ιİ         |              |        |          |                 | * 1      | क              | Original |          | -       | 1  | 1         |                    | H  |          |          |
| Final                  | <u>:</u> p | 128      |                                     |          | 1              | 1  | 1            |                     |          |          | i        | ا يَ ا               | į        |   |        | ΙI         |              | -      |          |                 | "        | Final          | iĝi      | l        | - 1     |  | l         |                    | П  |          |          |
| "                      | ō          | 우        |                                     |          |                | 1  |              |                     |          |          |          | "                    | ō        |   | 1      | 1 1        |              | Ì      |          |                 |          | ш.             | Õ        |          |         |  | ł         |                    | H  |          |          |
|                        | 1          | 1        | ⊢                                   | ├        | ┢              | ⊢  | ⊢            |                     | $\vdash$ | ⊢        | 1        | $\vdash$             | 51       | -   | +-     | ╂╌┨        | -+           | +      | +        | Н               | ş.b      |                | 101      | -+       | +-      | +-   | ╁         | ₩                  | ⊢⊦   | -        | _        |
| <u> </u>               |            |          | -                                   | -        | ⊢              | ⊢  | ⊢            | H                   | ⊢        | H        | 7        | $\vdash\vdash\vdash$ |          | $\vdash$  | +      | ┨          | $\dashv$     |        | +        | Н               | -        |                |          | $\dashv$ | +-      | ╨  | ╄         | ╁┈╵                | $\vdash \vdash$                                  | $\dashv$ |          |
|                        | 2          | V        | -                                   | ļ.       | -              | ╀  | ├-           | -                   |          | -        |          | <b>  </b>            | 52       | <b>-</b>  | -      | ╁╌┤        | -+           | _      | +        | Ш               | , ie/s   |                | 102      |          | +       | ₩  | ╀         | <b>├</b>           | $\vdash$   | $\dashv$ |          |
|                        | 3          | 1        | ┡                                   | _        | -              | <b>├</b>   | <u> </u>     | _                   | ╙        | <u> </u> |          |                      | 53       |   | _      | $\sqcup$   | -            | -      | 4        | Ш               |          |                | 103      |          |         | ↓  | ╙         | 1                  | $\sqcup$   | _        |          |
|                        | 4          | 1        | <u> </u>                            | _        | ╙              | <u> </u>   | ╙            | _                   | L        |          |          | $oxed{oxed}$         | 54       | <u> </u>  |        | $\sqcup$   | -            |        | $\perp$  | Ш               |          |                | 104      | _        | 4       | ـــــ  | 丄         | ш                  | Ш  |          |          |
|                        | 5          | ٧        | L                                   | L        | <u> </u>       | _  |              |                     |          |          |          | L                    | 55       |   | -↓     |            |              |        |          | Ш               | -        |                | 105      |          |         | $\bot$   | <u> </u>  | Ш                  | $\Box$   |          |          |
|                        | 6          | 1        |                                     |          |                | L  | _            |                     |          | L        | 94,      |                      | 56       | $oldsymbol{ol}}}}}}}}}}}}}}}}}$ |        | $\sqcup$   |              |        |          |                 |          |                | 106      |          |         | 丄  | <u> </u>  | $oldsymbol{\perp}$ |  |          |          |
|                        | 7          | 1        | _                                   | L        |                | L  | L            |                     |          |          | 11.      |                      | 57       |   | 1      | $oxed{L}$  |              |        |          |                 |          |                | 107      |          |         | $\perp$  |           |                    |  |          |          |
|                        | 8          | 1        | L                                   |          |                |  |              |                     |          |          |          |                      | 58       |   |        |            |              | _1.    |          | Ш               |          |                | 108      |          |         |  |           |                    |  |          |          |
|                        | 9          | V        |                                     |          |                |  |              |                     |          |          |          |                      | 59       |   |        |            |              |        |          |                 | ٠.       |                | 109      |          |         |  |           |                    | ΙĪ   |          |          |
|                        | 10         | 1        |                                     |          | П              |  |              |                     |          |          |          |                      | 60       |   | Т      | П          |              |        |          | П               |          |                | 110      |          |         | 1  |           | П                  | П  |          |          |
|                        | 11         | 1        |                                     |          |                |  |              |                     |          |          |          |                      | 61       |   | 1      | П          | 丁            |        | 1        |                 |          |                | 111      | $\neg$   | 十       | $\top$   |           | П                  | $\Box$   |          |          |
|                        | 12         | V        | Г                                   | <u> </u> | Π              | Г  | $\vdash$     | П                   | П        |          | 1 .      |                      | 62       |   | 1      | $\Box$     | $\dashv$     | $\neg$ |          |                 |          |                | 112      |          | 1       | $\top$   | Г         | Н                  | $\Box$   | $\dashv$ |          |
|                        | 13         | V        | 1                                   |          |                | Г  | Г            | П                   |          | _        | 100      | $\neg$               | 63       |   | +-     | $\sqcap$   | $\dashv$     | _      | 1        |                 |          |                | 113      | $\dashv$ | $\top$  | T  | $\vdash$  | Н                  | $\vdash$   | $\dashv$ | $\neg$   |
|                        | 14         | V        |                                     |          | $\vdash$       | <u> </u>   | H            | Н                   |          |          |          |                      | 64       | $\vdash$  | $\top$ | $\vdash$   | $\dashv$     | +      | $\top$   | $\vdash$        |          |                | 114      |          | +       | +  | ╁┈        | H                  | $\vdash$   | $\dashv$ |          |
|                        | 15         | V        | $\vdash$                            | $\vdash$ | $\vdash$       | <del>                                     </del> | <del> </del> | Н                   | $\vdash$ | -        |          | $\rightarrow$        | 65       | $\vdash\vdash$  | +      |            | $\dashv$     | +      | +        | H               |          |                | 115      | $\dashv$ | +       | +  | ┰         | Н                  | $\vdash \vdash$                                  | $\dashv$ | -        |
|                        | 16         | 1        | $\vdash$                            | $\vdash$ |                | -  | $\vdash$     | Н                   |          | _        |          | -                    | 66       | $\vdash$  | +      | ╁╌┤        | $\dashv$     | +      | +        | $\vdash \vdash$ |          |                | 116      | -+       | +       | +  | $\vdash$  | Н                  | ├─╂  | $\dashv$ | $\dashv$ |
|                        | 17         | V        | _                                   | -        |                | -  | ┝            | Н                   | H        | _        | 4. 4     |                      | 67       | +   | +      | $\vdash$   | $\dashv$     | +      | ╁        | $\dashv$        | - }      |                | 117      |          | +       | ┿  | ₩         | $\vdash$           | <del>                                     </del> | ᅱ        | _        |
| <u> </u>               | 18         | V        | ⊢                                   | _        | -              | -  | ⊢            | Н                   | $\vdash$ | _        | 1        | $\overline{}$        | 68       | +   | +-     | $\vdash$   | <u></u>      | +      | +        | Н               |          |                |          | -        | +       | ┼  | ⊢         | H                  | $\vdash$   | $\dashv$ | -        |
|                        |            |          | H                                   |          | H              | -  | ⊢            | Н                   | $\vdash$ | _        |          |                      |          | -   | +      | ┝╌┼        | $\dashv$     | +      | +        | Н               | 50       |                | 118      | -+       | ┿       | ┈  | ╙         | ш                  | $\vdash$   |          | -        |
| <u> </u>               | 19         | 1        |                                     | _        | <u> </u>       | L  |              | Н                   | <u> </u> | <u> </u> |          |                      | 69       | _   | +      |            | _            | +      |          | Щ               |          |                | 119      | -        | -       | ╄  | $\vdash$  | ш                  | $\vdash$   | _        | _        |
| L                      | 20         | 1        | _                                   |          | <u> </u>       |  | <u> </u>     |                     |          |          | jo.      | $\longrightarrow$    | 70       |   | 4_     |            |              |        | 1        |                 |          |                | 120      | _        | _       | $\bot$   | <u> </u>  | Ш                  | $\sqcup$   | _        |          |
|                        | 21         | 1        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |          | _              |  | <u> </u>     | Ш                   |          |          |          |                      | 71       |   |        |            | 4            |        | $\bot$   |                 | 100      |                | 121      |          |         | 1  | _         | Ш                  | $\sqcup$   | _        | _        |
|                        | 22         | V        | Щ                                   |          | _              | L  | L            |                     |          |          | <u>.</u> |                      | 72       |   |        | Ш          |              |        | $\perp$  |                 |          |                | 122      | $\perp$  |         | ــــــــــــــــــــــــــــــــــــــ   |           |                    |  | $\Box$   |          |
|                        | 23         | 1        | Ш                                   |          |                | L  | L            |                     |          |          |          |                      | 73       |   |        | $\sqcup$   |              |        | 4_1      |                 |          |                | 123      | $\perp$  |         | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ | Ш         |                    | Ш  |          |          |
|                        | 24         | 1        |                                     |          |                | Ŀ  |              |                     |          |          |          |                      | 74       |   |        | Ш          |              | _   _  | 1.       |                 |          |                | 124      | L        |         | 丄  |           |                    | Ш  |          |          |
|                        | 25         | 1        |                                     |          |                |  |              |                     |          |          | Ą l      |                      | 75       |   |        |            |              |        |          |                 |          |                | 125      |          |         |  |           |                    |  |          |          |
|                        | 26         | 1        |                                     |          |                |  | <u> </u>     |                     |          |          |          |                      | 76       |   | L      |            |              |        |          |                 | 2        |                | 126      |          |         |  |           |                    |  | П        |          |
|                        | 27         | 1        |                                     |          |                |  |              |                     |          |          |          |                      | 77       |   |        |            |              | -      |          |                 | : [      |                | 127      | Т        |         | П  |           | П                  | П  | $\neg$   |          |
|                        | 28         | 1        |                                     |          |                |  |              |                     |          |          |          |                      | 78       |   | T      | П          | $\neg$       | $\top$ | П        |                 |          |                | 128      | _  -     | $\top$  | Т  |           |                    |  | $\neg$   |          |
|                        | 29         | 1        |                                     |          |                |  |              |                     |          |          |          |                      | 79       |   | 1      |            | $\neg$       |        | $\top$   |                 | - }      |                | 129      |          |         | $\top$   | П         | М                  | $\Box$   | $\dashv$ |          |
|                        | 30         |          |                                     |          |                |  |              |                     |          | _        | i.s.     | $\neg$               | 80       | $\neg$  | $\top$ | $\vdash$   | 7            | 十      |          |                 |          |                | 130      | $\neg$   |         | +  | П         | М                  | $\Box$   | _        | 一        |
|                        | 31         | Т        |                                     |          |                |  |              |                     | $\neg$   |          |          | $\neg$               | 81       | $\top$  | 1      | ╁═╅        | $\neg$       | $\top$ | 1        | $\vdash$        | ŀ        |                | 131      | _        | +-      | <del> </del>   | $\vdash$  | $\vdash$           | $\vdash$   | $\dashv$ | $\dashv$ |
|                        | 32         |          | Н                                   | _        | Н              |  | -            | -                   | $\vdash$ |          |          |                      | 82       | _   | +      | H          | 十            |        | † †      | $\neg$          |          |                | 132      | $\dashv$ | +       | +  | $\vdash$  |                    | $\vdash$   | $\dashv$ | $\dashv$ |
|                        | 33         | -        |                                     | -        | Н              | Н  | H            | $\dashv$            | $\vdash$ | _        |          | $\overline{}$        | 83       | -+-   | +-     | ╌          | -+           | +      | +        | $\dashv$        | $\cdot$  |                | 133      | $\dashv$ | +-      | +  | $\vdash$  | $\vdash \vdash$    | $\vdash$   | $\dashv$ | $\dashv$ |
|                        | 34         |          | Н                                   |          |                | Н  | $\vdash$     | $\dashv$            | $\vdash$ | _        |          |                      | 84       | +-  | +      | $\vdash$   | $\dashv$     | - -    | +-       | ᅱ               | <u> </u> | -+             | 134      |          | +       | +  | $\vdash$  | $\vdash \vdash$    | $\vdash$   | $\dashv$ | ᅱ        |
| $\vdash$ $\vdash$      | 35         | $\vdash$ |                                     |          | -              | Н  | $\vdash$     | $\vdash$            | $\vdash$ |          |          | $\dashv$             | 85       | +-  | +      | $\vdash$   | +            |        | ╁        | $\dashv$        | ·        |                | 135      |          | +-      | +  | Н         | $\vdash\vdash$     |  | +        | ᅱ        |
|                        | 36         |          | $\vdash$                            | _        | $\vdash$       | $\vdash$   | $\vdash$     | $\vdash$            | $\vdash$ | -        |          |                      | 86       | +   | +      | ┝╾┼        | +            | +      | ╫        | $\dashv$        | - }      | <del></del> -  |          | -+       | +       | ₩  | $\vdash$  | $\vdash\vdash$     | ⊢┼   | $\dashv$ | $\dashv$ |
| $\vdash \vdash \vdash$ |            | ⊢        | $\vdash$                            | _        | $\vdash\vdash$ | $\vdash$   |              | $\vdash$            | $\vdash$ | -        |          | $\longrightarrow$    |          |   | +      |            | $\dashv$     | +      | +        | _               | }        |                | 136      | +        | +-      | ⊬  | Н         | $\vdash\vdash$     | $\vdash$   | 4        |          |
|                        | 37         | <u> </u> | $\vdash$                            |          | Щ              | -  | H            | $\dashv$            | $\vdash$ |          |          | $\longrightarrow$    | 87       | +   | +      | $\vdash$   | $\dashv$     | -      | $\vdash$ | _               | `        |                | 137      |          | +       | ₩  | Н         | $\vdash \vdash$    | $\dashv$   |          | ᅴ        |
|                        | 38         | <u> </u> |                                     |          | Ш              | Щ  | Щ            | $\vdash \downarrow$ |          |          |          |                      | 88       | $\perp$   | ╀-     | $\sqcup$   | $\dashv$     | -      | $\sqcup$ | _               | -        |                | 138      | $\perp$  | 4       | ₩  | $\square$ | Ш                  |  | _        | Ц        |
|                        | 39         | _        | Щ                                   |          | Щ              |  |              |                     |          |          |          |                      | 89       | $\perp$   | ــــ   | $\sqcup$   | $\perp$      | 4      | ╨        |                 |          |                | 139      | _        |         | $\perp$  | Ш         | Ш                  |  | ᆚ        |          |
|                        | 40         | _        | Щ                                   |          |                |  |              |                     |          |          |          | ightharpoonup        | 90       |   | 1_     | Ш          | $\perp$      |        | $\perp$  |                 |          |                | 140      | _        |         | <u> </u>   | Ш         | Ш                  |  |          |          |
| ·                      | 41         | L_       |                                     |          |                |  |              | Ш                   |          |          |          |                      | 91       |   | 1_     |            | $\perp$      | $\bot$ | $\perp$  |                 | : [      |                | 141      |          |         |  |           | Ш                  | Ш  | $\Box$   |          |
|                        | 42         |          |                                     |          |                |  | Ш            |                     |          |          | l 'L     |                      | 92       |   | 1      |            |              |        | $\sqcup$ |                 |          |                | 142      |          |         |  |           |                    | َ لُــــ   | [        |          |
|                        | 43         |          |                                     |          |                |  | ]            |                     |          | _]       |          |                      | 93       |   |        |            |              |        | $\Box$   |                 |          | [              | 143      |          |         |  |           |                    |  | $\Box$   |          |
|                        | 44         |          |                                     |          |                |  |              |                     |          |          | ] دیرا   |                      | 94       |   | L      |            | $oxed{oxed}$ |        |          | _]:             | -ſ       | ]              | 144      |          | $\prod$ |  |           | П                  | $_{T}$   | $\Box$   |          |
| 7                      | 45         | L        |                                     |          |                |  |              |                     |          |          |          |                      | 95       |   |        |            |              |        |          |                 |          |                | 145      | $\top$   | Т       | П  | П         | П                  | $\Box$   | $\neg$   | $\neg$   |
|                        | 46         |          |                                     |          |                |  |              |                     | $\neg$   |          | •        | 7                    | 96       |   |        |            | $\top$       |        | $\Box$   | $\neg$          | ٦        |                | 146      | $\neg$   | 1       | П  | П         | $\sqcap$           | $\neg$   | $\dashv$ | $\neg$   |
|                        | 47         |          |                                     |          |                |  |              | $\neg$              | $\neg$   | $\neg$   | ो        |                      | 97       | $\neg \vdash$   | 1      | $\Box$     | $\top$       |        | $\Box$   | $\neg$          | ı        | $\neg$         | 147      |          |         | П  | Ħ         | $\sqcap$           | $\dashv$   | 十        | $\dashv$ |
|                        | 48         |          | $\neg$                              |          |                |  | $\neg$       | $\dashv$            | 寸        | $\neg$   | -        | $\neg$               | 98       | -   | †      | 1          | +            | 1      |          | $\dashv$        | ı        |                | 148      | $\dashv$ | $\top$  | Н  |           | $\sqcap$           | $\dashv$   | $\dashv$ | $\neg$   |
| $\neg \neg$            | 49         | П        |                                     |          | $\neg$         | 一  | $\dashv$     | ヿ                   | 一        | $\neg$   | -        | $\dashv$             | 99       | -+-   | T      | 1          | $\dashv$     | +-     | 1 1      | $\dashv$        |          |                | 149      | $\dashv$ | +       | Н  | $\vdash$  | $\dashv$           | $\dashv$   | $\dashv$ | $\dashv$ |
| $\neg \neg$            | 50         |          | $\dashv$                            | _        |                | $\neg$   |              | $\dashv$            | ᅥ        | $\neg$   |          |                      | 100      | $\neg \vdash$   | 1      | _          | $\dashv$     | $\top$ | † †      | 一[:             | 1        | $\neg \dagger$ | 150      |          | +       | $\vdash$   | H         | $\dashv$           | $\dashv$   | $\dashv$ | $\dashv$ |
|                        |            | $\Box$   |                                     |          |                |  | 1            |                     |          |          | L        |                      |          | L_  |        | 1          |              | I      | 44       |                 | L        |                | .00      | L        |         |  |           |                    |  | ш        | 1        |